

CLAIMS

What is claimed is:

[c01] A method, comprising the steps of:

receiving a communication for a wireless peripheral device;
communicating wireless signals to the wireless peripheral device, the wireless signals utilizing more than one wireless technology standard; and
forwarding the communication to the wireless peripheral device using a single wireless technology standard.

[c02] A method according to claim 1, further comprising receiving an acknowledgement from the wireless peripheral device.

[c03] A method according to claim 2, further comprising canceling unacknowledged wireless signals.

[c04] A method according to claim 1, further comprising receiving an acknowledgement from the wireless peripheral device, the acknowledgement indicating the single wireless technology standard utilized by the wireless peripheral device.

[c05] A method according to claim 1, wherein step of communicating the wireless signals comprises wirelessly communicating the wireless signals using at least two of i) a Global System for Mobile (GSM) communications technology standard, ii) a Time Division Multiple Access (TDMA) communications technology standard, iii) a Code Division Multiple Access (CDMA) communications technology standard, iv) a GSM-ANSI Interoperability Team (GAIT) communications technology standard, and v) a combination of the Global System for Mobile (GSM) communications technology standard and the Code Division Multiple Access (CDMA) communications technology standard.

- [c05]** A method according to claim 1, wherein step of communicating the wireless signals comprises wirelessly communicating the wireless signals using at least two of i) an I.E.E.E 802 wireless technology standard, ii) a radio frequency (RF) portion of the electromagnetic spectrum, iii) an Industrial, Scientific, and Medical (ISM) band of the electromagnetic spectrum, and iv) an infrared (IR) portion of the electromagnetic spectrum.
- [c06]** A method for communicating with a wireless peripheral device, the method comprising:
- receiving a communication for the wireless peripheral device;
 - instructing multiple wireless systems to communicate wireless signals to the wireless peripheral device, the multiple wireless systems utilizing multiple wireless technology standards; and
 - forwarding the communication to the wireless peripheral device using a single wireless technology standard.
- [c07]** A method according to claim 6, further comprising receiving an acknowledgement from the wireless peripheral device.
- [c08]** A method according to claim 7, further comprising canceling unacknowledged wireless signals.
- [c09]** A method according to claim 6, wherein step of instructing the multiple wireless systems to communicate the wireless signals comprises instructing at least two of i) a Global System for Mobile (GSM) communications system, ii) a Time Division Multiple Access (TDMA) communications system, iii) a Code Division Multiple Access (CDMA) communications system, iv) a GSM-ANSI Interoperability Team (GAIT) communications system, and v) a combination of the Global System for Mobile (GSM) communications technology standard and the Code Division Multiple Access (CDMA) communications system.
- [c10]** A method according to claim 6, wherein step of instructing the multiple wireless systems to communicate the wireless signals comprises instructing at least two of i) an I.E.E.E

802 wireless system, ii) a radio frequency (RF) wireless system, iii) an Industrial, Scientific, and Medical (ISM) wireless system, and iv) an infrared (IR) wireless system.

[c11] A method for terminating a message to a wireless peripheral device, the method comprising:

receiving the message for the wireless peripheral device;

instructing multiple message service centers to communicate an activation message to the wireless peripheral device, the multiple message service centers utilizing at least two of i) a Global System for Mobile (GSM) communications technology standard, ii) a Time Division Multiple Access (TDMA) communications technology standard, iii) a Code Division Multiple Access (CDMA) communications technology standard, iv) a GSM-ANSI Interoperability Team (GAIT) communications technology standard, and v) a combination of the Global System for Mobile (GSM) communications technology standard and the Code Division Multiple Access (CDMA) communications technology standard; and

forwarding the communication to the wireless peripheral device using a single wireless technology standard.

[c12] A method according to claim 11, further comprising receiving an acknowledgement from the wireless peripheral device.

[c13] A method according to claim 12, wherein the step of receiving the acknowledgement comprises receiving an Application Layer Acknowledgement from the wireless peripheral device.

[c14] A method according to claim 12, further comprising canceling unacknowledged wireless signals.

[c15] A method according to claim 11, further comprising receiving an acknowledgement from the wireless peripheral device, the acknowledgement indicating the single wireless technology standard utilized by the wireless peripheral device.